



PRESENTATION ITEM

DATE: OCTOBER 23, 2014

TO: PLANNING COMMISSION
PARKS AND RECREATION COMMISSION

FROM: THOMAS E. WHEELER, P.E. *Tw*
DIRECTOR OF PUBLIC WORKS/CITY ENGINEER

INITIATED BY: ANGEL FUERTES, P.E. *AF*
ASSISTANT CITY ENGINEER

INITIATED BY: DOUGLAS A. ERDMAN, P.E. *JE*
PRINCIPAL CIVIL ENGINEER

INITIATED BY: DOUG ANDERSON *DA*
TRAFFIC ENGINEERING MANAGER

SUBJECT: PUBLIC WORKS DEPARTMENT PROJECT QUARTERLY
UPDATE (JULY THROUGH SEPTEMBER 2014)

RECOMMENDED ACTION:

Receive the Public Works Department Project Quarterly Update for the period of July through September 2014.

DISCUSSION:

This quarterly report provides the status of various scheduled projects and significant activities managed by the Public Works Department.

I. Street Improvements

A. FY13-14 Annual Slurry Seal Project

The Annual Slurry Seal Project for FY13-14 focused on the Residential Streets in Foothill Ranch. The project removed and replaced approximately 12,500 square feet of damaged pavement and placed approximately 2,100 extra-long tons of slurry sealant, extending the life of the pavement. In addition, the City repaired over 5,500 square feet of damaged sidewalks, 300 linear feet of curb and gutter;

and installed new traffic striping, markings, and legends. This project also repaired asphalt in the parking lots of seven (7) of the City's parks. The bid opening occurred in June, with Roy Allan Slurry Seal being the apparent low bidder. Construction started in August and is nearing completion in late October.

Annual Slurry Seal project schedule:

PROJECT SCHEDULE	FISCAL YEAR 2013-14				FISCAL YEAR 2014-15			
	July – Sept.	Oct. – Dec.	Jan – Mar.	April – June	July – Sept.	Oct – Dec.	Jan. – Mar.	Apr. – Jun.
SELECT CONSULTANT								
DESIGN								
BID PROCESS				X				
CONSTRUCTION					X	X		

B. Resurfacing Bake Parkway between Portola and Lake Forest Drive

The project removed deteriorated pavement, replaced some areas of sidewalk, curb and gutter, applied cold mill on the pavement shoulders, and placed a two-inch asphalt rubber cap with new traffic striping and pavement markers on Bake Parkway between Portola and Lake Forest Drive. The bid opening occurred in June, with R. J. Noble Company being the apparent low bidder. Construction started in August and is nearing completion in late October.

Annual Resurfacing project schedule:

PROJECT SCHEDULE	FISCAL YEAR 2013-14				FISCAL YEAR 2014-15			
	July – Sept.	Oct. – Dec.	Jan – Mar.	April – June	July – Sept.	Oct – Dec.	Jan. – Mar.	Apr. – Jun.
SELECT CONSULTANT								
DESIGN								
BID PROCESS				X				
CONSTRUCTION					X	X		

C. Americans with Disabilities Act Access (ADA) Ramp Improvements-Phase 7

The project will survey and reconstruct 39 existing access ramps in the neighborhoods around Lake Forest Drive, from Pittsford to Regency Lane. The reconstructed ramps will comply with the State of California Building Code Title 24, and the Americans with Disabilities Act. This project is going to the City Council for permission to advertise for construction at its October 21, 2014, meeting.

ADA Access Ramps project schedule:

PROJECT SCHEDULE	FISCAL YEAR 2013-14				FISCAL YEAR 2014-15			
	July – Sept.	Oct. – Dec.	Jan – Mar.	April – June	July – Sept.	Oct – Dec.	Jan. – Mar.	Apr. – Jun.
SELECT CONSULTANT			X					
DESIGN				X	X			
BID PROCESS					X			
CONSTRUCTION						X	X	

D. Los Alisos Resurfacing (Partnership with Mission Viejo)

The City of Mission Viejo is administering a pavement overlay project for Los Alisos Boulevard from Santa Margarita Parkway to Interstate 5 (I-5) freeway. Since portions of Los Alisos Boulevard, from Second Street to the I-5 freeway, fall on the Lake Forest / Mission Viejo boundary, resurfacing of the pavement is difficult without cooperation from the adjacent agency. As a result, the City has partnered with Mission Viejo on the project to resurface Los Alisos. The project includes removal and replacement of some areas of sidewalk, curb and gutter, cold milling the pavement surface, placement of a one and one-half inch asphalt rubber cap, and replacement of the striping, traffic loops and pavement markers. The City of Mission Viejo is the lead agency for this project. The City of Mission Viejo awarded a construction contract to All American Asphalt with construction beginning the second week of July. The project was completed in August 2014.

Los Alisos Resurfacing project schedule:

PROJECT SCHEDULE	FISCAL YEAR 2013-14				FISCAL YEAR 2014-15			
	July – Sept.	Oct. – Dec.	Jan – Mar.	April – June	July – Sept.	Oct – Dec.	Jan. – Mar.	Apr. – Jun.
SELECT CONSULTANT								
DESIGN			X					
BID PROCESS				X				
CONSTRUCTION				X	X			

E. Teed Street Storm Drain Improvement Project

This project provides drainage improvements on Teed Street near Vesper Road. The City has contracted with Proactive Engineering for the design phase of the project. The expected start of construction for this project is summer 2015.

Teed Street Storm Drain Improvement project schedule:

PROJECT SCHEDULE	FISCAL YEAR 2013-14				FISCAL YEAR 2014-15			
	July – Sept.	Oct. – Dec.	Jan – Mar.	April – June	July – Sept.	Oct – Dec.	Jan. – Mar.	Apr. – Jun.
SELECT CONSULTANT								
DESIGN			X	X	X			
BID PROCESS					X	X	X	
CONSTRUCTION								X

F. Internally Illuminated Street Name Sign Panel Replacement

The project includes the replacement of deteriorated internally illuminated street name panels at traffic signal locations. The installation began July 2013 with the replacement of 32 panels and continues through 2014 – 2015 with the replacement of an additional 32 panels. The City's Traffic Signal Maintenance contractor, Computer Service Co. (CSC), is installing the illuminated street name panels.

Illuminated Street Name Sign Panel Replacement Project Schedule:

PROJECT SCHEDULE	FISCAL YEAR 2013-14				FISCAL YEAR 2014-15			
	July – Sept.	Oct. – Dec.	Jan – Mar.	April – June	July – Sept.	Oct – Dec.	Jan. – Mar.	Apr. – Jun.
SELECT CONSULTANT								
DESIGN								
BID PROCESS								
CONSTRUCTION	X	X	X	X	X	X	X	X

G. Portola Parkway Widening and Streetscape

Located on Portola Parkway between SR 241 and El Toro Road, this project would design and implement traffic safety and traffic congestion relief opportunities by widening one lane southbound on Portola Parkway underneath the SR 241. In addition, the project includes construction of raised medians, with landscaping and irrigation installation. The project is adjacent to the Lake Forest Sports Park with construction dependent on grant funding from the Orange County Transportation Authority. The City Council awarded a design contract to Civil Works in June 2014.

Portola Parkway Widening and Streetscape project schedule:

PROJECT SCHEDULE	FISCAL YEAR 2013-14				FISCAL YEAR 2014-15			
	July – Sept.	Oct. – Dec.	Jan – Mar.	April – June	July – Sept.	Oct – Dec.	Jan. – Mar.	Apr. – Jun.
SELECT CONSULTANT				X	X			
DESIGN					X	X	X	
BID PROCESS								
CONSTRUCTION								

H. Sidewalk Repairs

This annual program focuses on repairing damaged existing sidewalks at street and park locations throughout the City. Staff is currently surveying citywide sidewalks for trip hazards.

Sidewalk Repairs project schedule:

PROJECT SCHEDULE	FISCAL YEAR 2013-14				FISCAL YEAR 2014-15			
	July – Sept.	Oct. – Dec.	Jan – Mar.	April – June	July – Sept.	Oct – Dec.	Jan. – Mar.	Apr. – Jun.
SELECT CONSULTANT								
DESIGN					X	X		
BID PROCESS							X	
CONSTRUCTION							X	X

I. Street Light Installation at Various Locations

The installation of streetlights at various locations is based on need, site conditions, and requests by residents. Locations currently requested are: Alton Parkway at Odessa; Ridgeline Road at Richland Way; and the intersection of Islamare Lane and Overlake Drive. This project is currently in the design phase.

Project Quarterly Update (July through September 2014)

October 23, 2014

Page 5

Street Light Installation at Various Locations project schedule:

PROJECT SCHEDULE	FISCAL YEAR 2014-15				FISCAL YEAR 2015-16			
	July – Sept.	Oct. – Dec.	Jan – Mar.	April – June	July – Sept.	Oct – Dec.	Jan. – Mar.	Apr. – Jun.
SELECT CONSULTANT								
DESIGN		X	X					
BID PROCESS			X					
CONSTRUCTION				X				

J. Street Resurfaced on El Toro Road between I-5 and Bridger

This project resurfaced El Toro Road from the I-5 freeway to Bridger Road, and was part of a larger resurfacing project of El Toro Road conducted by the City of Laguna Hills. Funding was provided to the City of Laguna Hills to design and construct the improvements with the City of Lake Forest. The project has been completed by the City of Laguna Hills.

Street Resurfacing on El Toro Road between I-5 and Bridger

PROJECT SCHEDULE	FISCAL YEAR 2013-14				FISCAL YEAR 2014-15			
	July – Sept.	Oct. – Dec.	Jan – Mar.	April – June	July – Sept.	Oct – Dec.	Jan. – Mar.	Apr. – Jun.
SELECT CONSULTANT								
DESIGN								
BID PROCESS								
CONSTRUCTION	X	X	X	X				

K. Street Sign Replacement

This project will replace faded and outdated street signs citywide in phases to meet new compliance requirements of the 2012 California Manual on Uniform Traffic Control Devices. Signs around schools are currently being replaced and updated.

Street Sign Replacement project schedule:

PROJECT SCHEDULE	FISCAL YEAR 2013-14				FISCAL YEAR 2014-15			
	July – Sept.	Oct. – Dec.	Jan – Mar.	April – June	July – Sept.	Oct – Dec.	Jan. – Mar.	Apr. – Jun.
SELECT CONSULTANT								
DESIGN	X	X						
BID PROCESS		X	X					
CONSTRUCTION			X	X	X	X		

II. Parks and Landscape Improvements

A. Park and Recreation 5-year Strategic Plan (Community Services Project)

The City Council awarded a construction contract to Lehman Construction on July 2, 2013, to construct improvements to Rimgate and Tamarisks Parks. The construction began on August 8, 2013, with the project currently completed. Both Rimgate and Tamarisk Parks are now open to the City residents. The City Council

accepted the Notice of Completion at its June 17, 2014, meeting. This project constructed the improvements listed below:

1. Rimgate Park Renovation

The completed improvements at Rimgate Park include:

- the addition of shade structures
- new play equipment
- new restroom building
- landscape and irrigation improvements:

2. Tamarisk Park Renovation

The completed improvements at Tamarisk Park include:

- the addition of shade structures
- new play equipment
- improvements to existing baseball field
- new restroom building
- landscape and irrigation improvements
- hardscape improvements

B. Sports Field Renovations

Sports field renovations are compete. During this process sports field closures occur for various reasons, such as, turf renovations or improvements, establishment periods for turf resting, and maintenance. This annual process occurs during the period from June 1 to August 18, 2014.

Sports Field Renovation Schedule

PROJECT SCHEDULE	FISCAL YEAR 2013-14				FISCAL YEAR 2014-15			
	July – Sept.	Oct. – Dec.	Jan – Mar.	April – June	July – Sept.	Oct – Dec.	Jan. – Mar.	Apr. – Jun.
SELECT CONSULTANT								
DESIGN								
BID PROCESS								
CONSTRUCTION				X	X			

Park Turf and MPS Renovations

All park turfs, and median, parkway, and slopes (MPS) work crews have started the annual winter over seeding of these turf areas, occurring in the months of September, October, and November. The maintenance process entails mowing the turf very close, seeding the areas and keeping the areas watered and moist.

Park Turf and MPS Renovations

PROJECT SCHEDULE	FISCAL YEAR 2013-14				FISCAL YEAR 2014-15			
	July – Sept.	Oct. – Dec.	Jan – Mar.	April – June	July – Sept.	Oct – Dec.	Jan. – Mar.	Apr. – Jun.
SELECT CONSULTANT								
DESIGN								
BID PROCESS								
CONSTRUCTION					X	X		

C. Sports Park and Recreation Center

The Sports Park and Recreation Center contractor, Park West Landscape, Inc., has completed the recreation center and two clubhouses (concession stands). All natural turf has been installed in the baseball and commons fields. The synthetic turf has been installed for the two soccer fields. The interior roadways and parking lots have had the final course of asphalt and striping completed. Concrete work is complete for the curbs and gutters and the decorative concrete sidewalks. The construction of the Sports Park and Recreation Center began July 8, 2013, with the recreation building and synthetic turf fields scheduled to open November 1, 2014. The natural turf fields are expected to be ready for play in the spring of 2015.

Sports Park and Recreation Center project schedule:

PROJECT SCHEDULE	FISCAL YEAR 2013-14				FISCAL YEAR 2014-15			
	July – Sept.	Oct. – Dec.	Jan – Mar.	April – June	July – Sept.	Oct – Dec.	Jan. – Mar.	Apr. – Jun.
SELECT CONSULTANT								
DESIGN								
BID PROCESS								
CONSTRUCTION	X	X	X	X	X	X	X	X

III. Traffic Improvement Projects

A. Signalized Intersection at Rancho Parkway and Sports Park Access Road

The project will provide a signalized intersection on Rancho Parkway at the Sports Park access road to serve the City's Sports Park and adjacent development north of the Park. The project is currently in the bidding/award phase and construction is anticipated to be completed in fall - winter 2014.

Signalized Intersection: Rancho Parkway/Sports Park Access Road project schedule:

PROJECT SCHEDULE	FISCAL YEAR 2013-14				FISCAL YEAR 2014-15			
	July – Sept	Oct– Dec	Jan – Mar	April – June	July – Sept	Oct – Dec	Jan – Mar	Apr – June
SELECT CONSULTANT			X					
DESIGN			X	X				
BID PROCESS				X	X			
CONSTRUCTION					X	X		

B. Lake Forest Transportation Mitigation (LFTM)

The project includes updating the City's traffic analysis model and preparation of the five-year LFTM program update. The project was completed and approved by the City Council on August 19, 2014.

Lake Forest Transportation Mitigation project schedule:

PROJECT SCHEDULE	FISCAL YEAR 2013-14				FISCAL YEAR 2014-15			
	July – Sept	Oct– Dec	Jan – Mar	April – June	July – Sept	Oct – Dec	Jan – Mar	Apr – June
SELECT CONSULTANT								
DESIGN			X	X				
BID PROCESS								
CONSTRUCTION								

C. Citywide Traffic Signal Management Program

This project includes developing and implementing a traffic signal monitoring program; traffic signal coordination master plan; and performing Citywide average daily traffic counts. The project is currently in the design phase, with completion scheduled for January 2015.

Citywide Traffic Signal Management project schedule:

PROJECT SCHEDULE	FISCAL YEAR 2013-14				FISCAL YEAR 2014-15			
	July – Sept	Oct– Dec	Jan – Mar	April – June	July – Sept	Oct – Dec	Jan – Mar	Apr – June
SELECT CONSULTANT		X	X					
DESIGN			X	X				
BID PROCESS					X	X		
CONSTRUCTION						X	X	

D. Saddleback Ranch Road Traffic Enhancements

The project provides for the design and construction of traffic calming improvements such as re-striping, corner bulb-outs, medians, and parkway landscaping. The design phase completion is in 2014, with an anticipated construction phase starting in 2015.

Saddleback Ranch Road Traffic Enhancements project schedule:

PROJECT SCHEDULE	FISCAL YEAR 2013-14				FISCAL YEAR 2014-15			
	July – Sept	Oct– Dec	Jan – Mar	April – June	July – Sept	Oct – Dec	Jan – Mar	Apr – June
SELECT CONSULTANT								
DESIGN		X	X	X	X	X	X	
BID PROCESS							X	X
CONSTRUCTION								X

E. City Participation in Orange County Transportation Authority's (OCTA) Regional Traffic Signal Synchronization Program (TSSP) Projects

The City will participate in eight TSSP projects to synchronize traffic signals across multi-jurisdictional boundaries. The design and construction phase will take place in 2014, with completion in 2015. This project includes the following:

1. Lake Forest Drive Corridor Traffic Signal Synchronization Project.
2. Los Alisos Boulevard Corridor Traffic Signal Synchronization Project.
3. Santa Margarita Parkway Corridor Traffic Signal Synchronization Project.
4. Bake Parkway Corridor Traffic Signal Synchronization Project.
5. Trabuco Road Corridor Traffic Signal Synchronization Project.
6. Jeronimo Road Corridor Traffic Signal Synchronization Project.
7. Barranca Parkway/Muirlands Boulevard Corridor Traffic Signal Synchronization Project.
8. Alton Parkway Corridor Traffic Signal Synchronization Project.

OCTA-TSSP project schedule:

PROJECT SCHEDULE	FISCAL YEAR 2013-14				FISCAL YEAR 2014-15			
	July – Sept	Oct – Dec	Jan – Mar	April – June	July – Sept	Oct – Dec	Jan – Mar	Apr – June
SELECT CONSULTANT								
DESIGN			X	X				
BID PROCESS								
CONSTRUCTION				X	X	X	X	X

cc: City Council
Robert C. Dunek, City Manager
Gayle Ackerman, AICP, Director of Development Services
Gary Magill, Director of Community Services